

TOPOGRAPHIC SURVEY CONTROL POINT RECORD

STATION LONG NAME	BA01
STATION NUMBER	BA01
4 CHAR ID	BA01
COUNTRY	IRAQ
LOCATION	SHAIBAH AIRFIELD
SURVEYING AGENCY	IGRS
DATE (OF DESCRIPTION)	10 JUN 05

CONTENTS	YES	NO	NO OF PAGES
FIELD COORDINATE VALUES	X		1
OFFICE COORDINATE VALUES	X		1
STATION MONUMENT & SITE DETAILS	X		1
STATION DIAGRAM	X		1
ACCESS MAP	X		1
ACCESS DESCRIPTION	X		1
APPROACH PHOTOGRAPHS	X		1
CARDINAL POINT PHOTOGRAPHS	X		2

RECORD OF VISITS

DATE OF VISIT	NAME	UNIT	REMARKS

ADDITIONAL DETAILS/ENCLOSURES

CONTENTS	NO OF PAGES

FIELD COORDINATE VALUES

STATION LONG NAME	BA01
4 CHAR ID	BA01
STATION NUMBER	BA01

THIS STATION IS NEW	YES
IDENTICAL / NEARLY IDENTICAL WITH	N/A

FIELD VALUES FROM THE RECEIVER / HAND HELD GPS – IN WGS84

LATITUDE N / S	30°25'32.44"N
LONGITUDE E / W	047°38'39.56"E
HT (M)	13.1
GRID ZONE DESIGNATOR	38R
UTM / MGRS GRID	38R QU 53989 68924
SURVEYING AGENCY	IGRS

FIELD INPUT BY: CPL ELLIS	UNIT: IGRS	DATE: 10 JUN 2005
FIELD CHECKED BY: SPR LOCKHART	UNIT: IGRS	DATE: 10 JUN 2005

OFFICE COORDINATE VALUES

WGS 84 ADJUSTED VALUES AS AT: 25 Aug 05

LATITUDE N	30° 25' 32.60342"
LONGITUDE E	047° 38' 39.53907"
SPHEROIDAL HT (M)	1.894
EGM96 GEOID MODEL HT (M)	-14.972
ORTHOMETRIC HT (M)	16.866
VERTICAL DATUM	WGS 84
GEOID MODEL USED	EGM 96
RELATIVE TO	CORS STATIONS
RELATIVE POSITION ACCURACY	0.014
RELATIVE HEIGHT ACCURACY	0.011
ADJUSTING AGENCY	OPUS
ADJUSTMENT DATE	25 AUG 2005

LOCAL DATUM VALUES AS AT: 25 Aug 05

SPHEROID	N/A
PROJECTION	N/A
GRID	N/A
VERTICAL DATUM	N/A
LATITUDE N / S	N/A
LONGITUDE E / W	N/A
EASTINGS (M)	N/A
NORTHINGS (M)	N/A
SPHEROIDAL HT (M)	N/A
ORTHOMETRIC HT (M)	N/A
GRID ZONE DESIGNATOR	N/A
TRANSFORMATION AGENCY	N/A
TRANSFORMATION DATE	N/A

GRAVITY VALUE: N/A	TYPE OF STN: N/A	REF: N/A
--------------------	------------------	----------

AIR PHOTO: N/A	REF: N/A	SCALE: N/A
IMAGERY: N/A	REF: N/A	SCALE: N/A

OFFICE INPUT BY: LCPL COWARD	UNIT: IGRS	DATE: 25 AUG 2005
OFFICE CHECKED BY: LCPL DICKEN	UNIT: IGRS	DATE: 25 AUG 2005

STATION MONUMENT AND SITE DETAILS

STATION LONG NAME: BA01	
STATION NUMBER: BA01	4 CHAR ID: BA01
LOCATION: SHAIBAH	COUNTRY: IRAQ
STATION ADDRESS: N/A	
TEL: N/A	FAX: N/A
LAND OWNER ADDRESS: N/A	
TEL: N/A	FAX: N/A
TYPE OF MARK: HARN	
CONDITION: GOOD	
MARK SETTING: FINE MARK ON REBAR	NO OF REBARS: 3

MONUMENT PHOTO / SKETCH

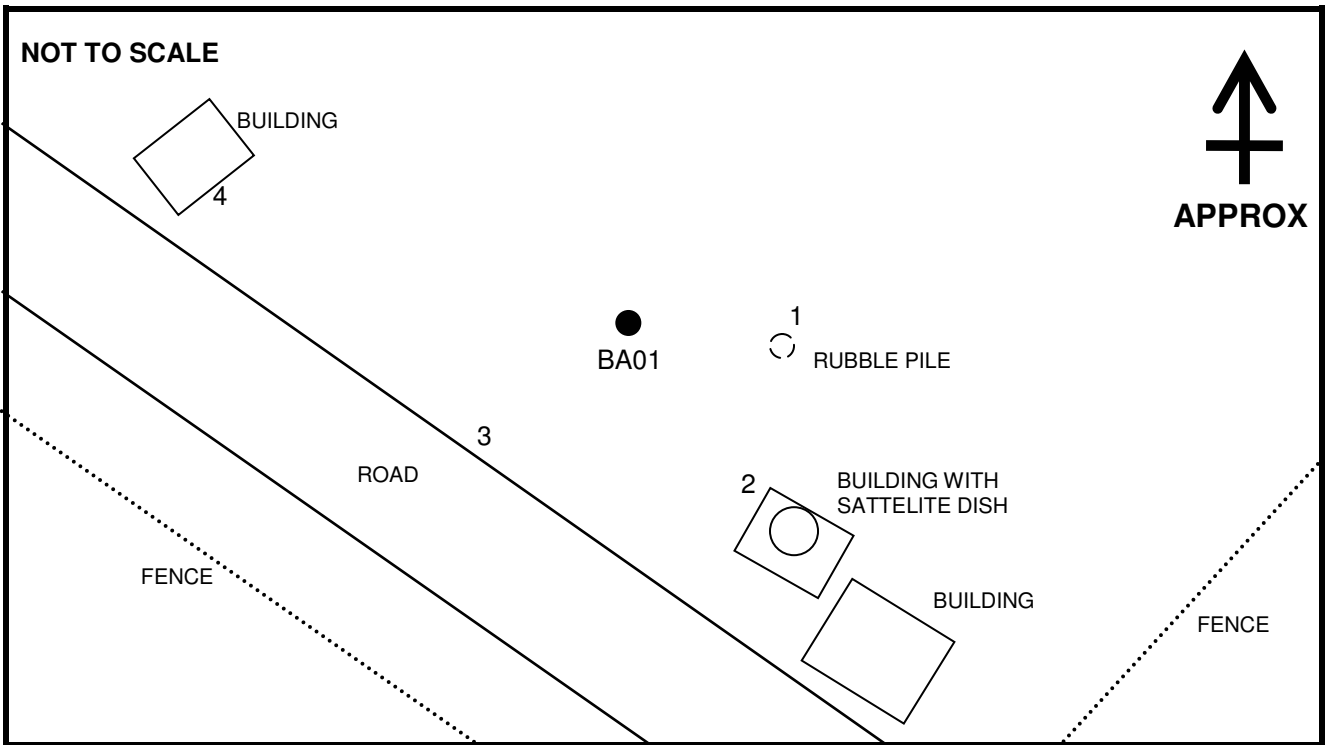
PREPARED BY: CPL ELLIS	UNIT: IGRS	DATE: 10 JUN 2005
CHECKED BY: SPR LOCKHART	UNIT: IGRS	DATE: 10 JUN 2005

STATION DIAGRAM

STATION LONG NAME: BA01

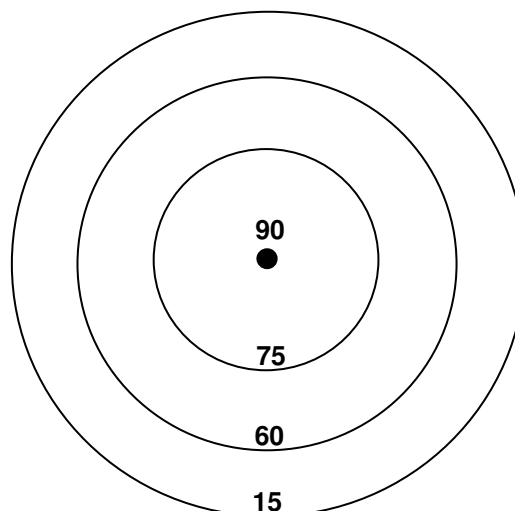
STATION NUMBER: BA01

4 CHAR ID: BA01



NO	DESCRIPTION	BRG/HORZ ANGLE	DISTANCE
1	RUBBLE PILE WITH PROMINENT POLE	310°	79m (paced)
2	BUILDING WITH SATELLITE DISH	336°	147m (paced)
3	ROAD	400°	45m (paced)
4	BUILDING	128°	160m (paced)

OBSCURITY DETAILS



PREPARED BY: SPR LOCKHART	UNIT: IGRS	DATE: 10 JUN 2005
CHECKED BY: CPL ELLIS	UNIT: IGRS	DATE: 10 JUN 2005

ACCESS MAP

STATION LONG NAME: BA01

STATION NUMBER: BA01

4 CHAR ID: BA01

MAP DETAILS

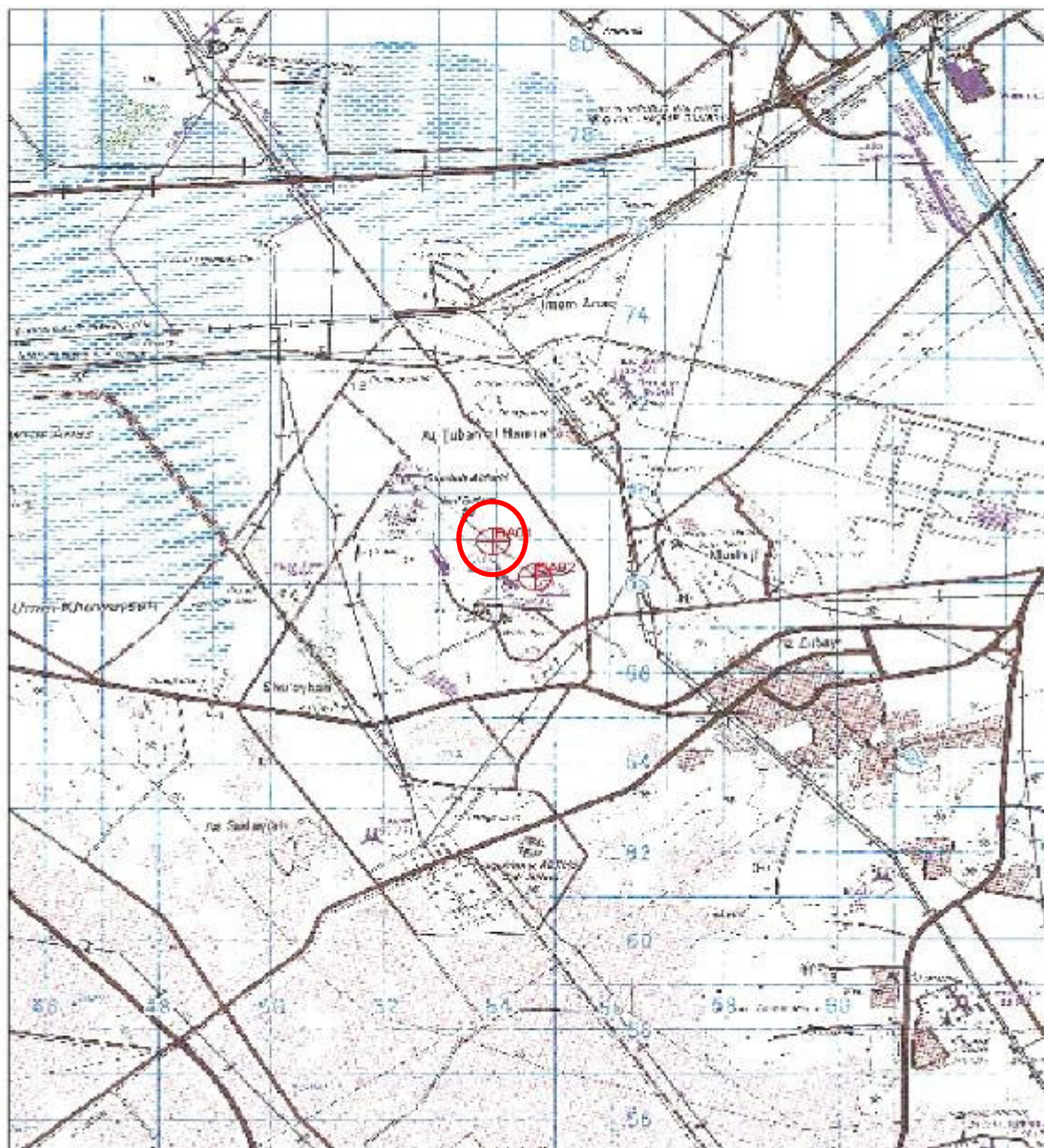
SERIES: K643

SHEET: 5550

EDITION: 3-NIMA

SCALE: 1:100,000

GR: 38R QU 53989 68924



PREPARED BY: CPL ELLIS

UNIT: IGRS

DATE: 10 JUN 2005

CHECKED BY: SPR LOCKHART

UNIT: IGRS

DATE: 10 JUN 2005

ACCESS DESCRIPTION

STATION LONG NAME: BA01		
STATION NUMBER: BA01		4 CHAR ID: BA01

MAP DETAILS	SERIES: K643	SHEET: 5550
EDITION: 3-NIMA	SCALE: 1:100,000	GR: 38R QU 53989 68924

From road junction at gr 38R QU 745400, 3376900 proceed south east past at Tubah Al Hamra for approx 16 km towards Shu'aybah until road junction for Shaibah airfield at gr 38R QU 753700, 3365400. Take road heading north to main gate of airfield. Once inside compound navigate to south east corner of furthest runway at gr 38R QU 754700, 3368200. Follow runway northwest for 800m, point is 40m east of the runway.

PREPARED BY: CPL ELLIS	UNIT: IGRS	DATE: 10 JUN 2005
CHECKED BY: SPR LOCKHART	UNIT: IGRS	DATE: 10 JUN 2005

APPROACH PHOTOGRAPHS

STATION LONG NAME: BA01	
STATION NUMBER: BA01	4 CHAR ID: BA01

NEAR APPROACH



FAR APPROACH



TAKEN BY: SPR RIMMER	DATE TAKEN: 10 JUN 2005
----------------------	-------------------------

PAGE 7 OF 9

CARDINAL PHOTOGRAPHS

STATION LONG NAME: BA01	
STATION NUMBER: BA01	4 CHAR ID: BA01

NORTH



SOUTH



TAKEN BY: SPR RIMMER	DATE TAKEN: 10 JUN 2005
----------------------	-------------------------

CARDINAL PHOTOGRAPHS

STATION LONG NAME: BA01	
STATION NUMBER: BA01	4 CHAR ID: BA01

EAST



WEST



TAKEN BY: SPR RIMMER	DATE TAKEN: 10 JUN 2005
----------------------	-------------------------

PAGE 9 OF 9